

Serial No. 10/577,670

**REMARKS**

Claims 12, 20, 21, and 22 are amended herein. No new matter is presented and entry and approval are requested.

Claims 12-22 are under consideration. Reconsideration is requested.

**Claim Amendments**

Claim 12 is amended herein to recite a method including a "radio access point requiring path information" and learning is in response to a "requirement for the path information that was initiated at the radio access point." (Amendatory language underlined). Claims 20-22 are amended herein in a similar manner.

Claim 20 is also amended herein, to replace the term "radio station" with the term --first radio station-- and to replace the term "further radio stations" with the phrase --at least one second radio station in addition to the first radio station.-- Claims 21-22 are amended in a similar manner.

Support for the amendments is found, for example, in paragraphs [0010], [0014] - [0015], and [0023] to [0025] of the published specification. No new matter is presented and entry and approval are requested.

**Traverse of Rejection of Claims 12-22 under 35 U.S.C. §102(a)**

In item 6 of the Office Action, the Examiner rejects claims 12-22 under 35 U.S.C. §102(a) as being anticipated by Cromer et al. (US20030156558) ("Cromer"). (See, Action at pages 3-7). The rejections are traversed.

Applicants submit that all of the features recited by each of independent claims 12 and 20-22 (all as amended herein) (and dependent claims 13-19) are not taught by Cromer.

Independent claim 12, as amended herein, recites a method for "operating a radio communication system with a radio access point and a plurality of radio stations including a terminal radio station located outside of direct radio transmission range of the radio access point, the radio access point requiring path information about a path formed of at least one further radio station of the plurality of radio stations usable for message transfer between the radio access point and the terminal radio station, said method comprising: learning, at the terminal radio station, about a requirement for the path information that was initiated at the radio access point; and initiating at the terminal radio station a method for determining path between the

Serial No. 10/577,670

terminal radio station and the radio access point to fulfill the requirement initiated by the radio access point." (Emphasis added).

As discussed with the Examiner by the Applicants' representative, according to an exemplary embodiment as recited by claim 12, for example, a requirement for path information is initiated by a radio access point.

Further, as recited by claim 12, for example, a terminal radio station will determine a path to fulfill the requirement initiated by the radio access point.

As agreed by the Examiner and the Examiner's supervisor, Cromer does not teach initiating by a radio access point.

By contrast, Cromer merely teaches:

[R]eceiving the data information generated within the remote mobile unit by  
radio in the access point

(See, for example, paragraph [0037]).

That is, Cromer does not teach the access point initiating a request.

By contrast, Cromer merely teaches that when a problem is detected from data received in a path that is being used, a previously store path is switched to, and when there is no next path stored the system starts to search for a new path.

Applicants also respectfully point out that the current Office Action, does not address how Cromer learns about a path requirement.

Thus, the rejection of independent claim 12 should be withdrawn.

\* \* \*

Dependent claims 13 -19 inherit the patentable recitations of base claim 1, and therefore, patentably distinguish over Cromer for at least the reasons discussed above.

In addition, the dependent claims recited additional feature not disclosed by Cromer. For example, claim 13 recites that the "learning" includes the "learning by the terminal radio station about the requirement for the path information is a result of a notification by the base station." As another example, claim 14 recites a "learning at the terminal radio station about the failure of the known path after the radio access point learns about the failure." Cromer does not teach such learning.

Thus, the rejection of dependent claims 13-19 should be withdrawn.

Serial No. 10/577,670

\* \* \*

Independent claim 20, as amended herein, recites a first radio station for a radio communication system, the radio communication system comprising a radio access point and at least one second radio station in addition to the first radio station, the first radio station comprising: "means for receiving a notification that the radio access point initiated a requirement for information about a path, the path formed of at least one of the second radio stations that can be used for a message transfer between the radio access point and said first radio station; and means for initiating a method for determining a path between said first radio station and the radio access point following reception of the notification that the radio access point initiated the requirement for information." (Emphasis added).

Cromer does not teach a first radio station determining a path including a second radio station based on a requirement for information initiated by a radio access point.

\* \*

For similar reasons as discussed above in traversing the rejection of claim 19, the rejection of each of independent claims 20-22, should be withdrawn.

Claim 20 recites for example, a first radio station including "means for initiating a method for determining a path between said first radio station and the radio access point following reception of the notification that the radio access point initiated the requirement for information." (Emphasis added).

Claim 21 recites, for example, means for initiating a method to determine a new path between said first radio station and the radio access point following reception of the failure information. Claim 22 has a similar recitation.

Cromer does not teach these features.

Thus, the rejection of claims 20-22 should be withdrawn.

### Conclusion

Since all of the features recited by each of claims 12-22 are not taught by Cromer, the rejection should be withdrawn and claims 12-22 allowed.

### Conclusion

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Serial No. 10/577,670

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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